

# PortServer® TS H<sup>cc</sup> MEI

Hardened Serial Servers

Serial-to-Ethernet connectivity for traffic management applications requiring extended vibration, temperature and moisture tolerance.



## Overview

PortServer TS H<sup>cc</sup> MEI is designed to meet the unique specifications required for use in traffic management installations. It is ideal for network-enabling and remotely managing variable message signs, loop detectors, ramp meters or any RS-232/422/485 serial device.

Specialized features include a conformal coated PCA for moisture and corrosion protection, a screw terminal power connector for durable and reliable power feed, and an extended operating temperature tolerance (-35° C to +74° C). In addition, PortServer TS H<sup>cc</sup> MEI meets NEMA TS2 requirements for traffic control equipment.

Digi's patented RealPort® technology makes it possible to establish a connection between the host and networked serial device by creating a local COM or TTY port on the host computer, allowing software applications to work with networked device servers instead of requiring a host adapter.

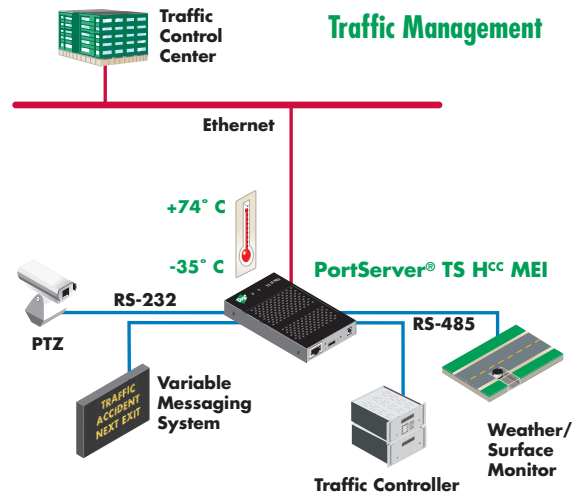
Other features include SSHv2, port buffering, full SNMP device management and industry leading low latency.

## Target Applications



Traffic Management

## Application Highlight



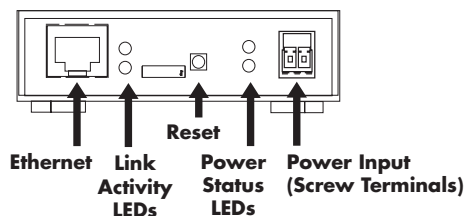
## Features/Benefits

- Robust, hardened model with extended temperature tolerance (-35° C to +74° C)
- NEMA TS 2 compliant
- Conformal coated circuit board
- Ships in "Latency Mode & TCP Keep-Alive" setting
- Screw terminal power connector
- 1-, 2- and 4-port models for application flexibility
- RS-232/422/485 switch-selectable on all ports
- RealPort for COM or TTY port control and management

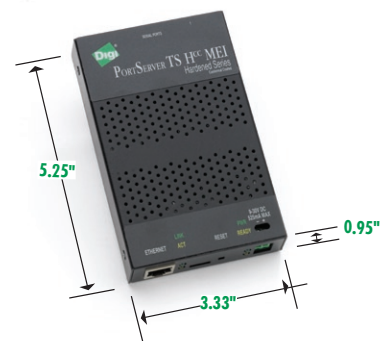
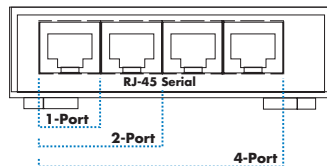


Specifications		PortServer® TS 1 H <sup>cc</sup> MEI	PortServer® TS 2 H <sup>cc</sup> MEI	PortServer® TS 4 H <sup>cc</sup> MEI
Features				
Management	HTTP/HTTPS, CLI, SNMP (read/write), Digi Port Authority-Remote management diagnostics and auto-discovery tool			
Protocols	UDP/TCP, Supports multiple unicasts, DHCP/RARP/ARP-Ping for IP Address assignment, Extended Telnet RFC 2217, Telnet, Reverse Telnet, Modbus to Modbus/TCP protocol conversion support			
Security	PPP, SSHv2, SSL/TLS			
Extended Safety	Conformal coated circuit board, NEMA TS 2 compliant, Screw terminal connector for power			
Software	Device-initiated patented RealPort® COM port redirector			
Status LEDs	Power, Link, Activity, Status			
Operating Systems	AIX, HP-UX, Linux®, SCO® OpenServer™ 5, SCO® OpenServer™ 6, Solaris™ Intel, Solaris™ SPARC, Windows XP®, Windows Server® 2003, Windows Server® 2008, Windows Vista®  Note: TCP/UDP Socket Services are operating system independent			
Dimensions (L x W x D)	5.25 in x 3.33 in x 0.95 in (13.34 cm x 8.46 cm x 2.42 cm)			
Weight	2.25 oz (64.00 g)			
Other	Full modem and hardware flow control, Modem emulation, Port buffering, RJ-45/DB-9F crossover cable included for optional serial configuration, Wall bracket included			
Interfaces				
Serial				
Ports	1 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	2 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	4 RS-232/422/485 RJ-45 (switch selectable); Up to 230 Kbps throughput; Signal support for TXD, RXD, RTS, CTS, DTR, DSR, DCD	
Ethernet				
Ports	1 RJ-45 10/100 Mbps 10/100Base-T (auto-sensing); Full or half duplex			
Power Requirements				
Power Input	9-30VDC @ 0/5 Amps max			
Power Supply	This product does not ship with a power supply; pigtail included			
Environmental				
Operating Temperature	-35° C to +74° C (-31° F to 165° F)			
Storage Temperature	-40° C to +85° C (-40° F to +185° F)			
Relative Humidity	5% to 95% (non-condensing)			
Ethernet Isolation	1500VAC min per IEEE802.3/ANSI X3.263			
Serial Port Protection (ESD)	+15 kV air 6 AP and +8 kV contact discharge per IEC 100-4-2			
Regulatory Approvals				
Safety	UL/CL60950, IEC60950 & CB			
Emissions/Immunity	CE, FCC Part 15 (Class A), EN55024, EN55022 Class A, AS/NZS 3548, VCCI V-3/99 .05			

**PortServer TS H<sup>cc</sup> MEI - Front**



**PortServer TS H<sup>cc</sup> MEI - Back**



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